

# North Carolina Weather & Crops Report

Issue #7-B14-18

Released July 14, 2014



**USDA, NASS  
North Carolina  
Field Office**

PO Box 27767  
Raleigh, NC 27611  
Phone (919) 856-4394  
www.ncagr.gov/stats

## CROP SUMMARY FOR THE WEEK ENDING JULY 13, 2014

GENERAL: Days suitable for field work 5.7. Topsoil moisture 9% very short, 29% short, 58% adequate and 4% surplus. Subsoil moisture 6% very short, 25% short, 64% adequate and 5% surplus. Received scattered showers and thunderstorms across the state this week with precipitation amounts recorded over 2 inches in some eastern areas. This week's report shows cotton squaring was rated at 85%, peanuts pegging at 80%, corn silking at 88%, dough at 50%, and dented at 18%, soybeans blooming at 33% and setting pods at 13%. The second cutting of hay at 59% and peaches harvested at 49%.

### CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5-Year Avg
PHENOLOGICAL:				
Soybean % Emerged	95	91	76	92
Soybeans % Blooming	33	18	n/a	15
Soybeans % Setting Pods	13	n/a	n/a	n/a
Corn % Silking	88	80	92	96
Corn % Dough	50	30	44	49
Corn % Dented	18	n/a	n/a	n/a
Cotton % Squaring	85	70	72	84
Cotton % Setting Bolls	15	n/a	n/a	30
Peanut % Pegging	80	57	52	68
PLANTED:				
Sorghum	89	84	76	n/a
Sweet Potatoes	96	93	91	96
HARVESTED:				
Hay 2 <sup>nd</sup> cutting	59	47	27	51
Peaches	49	37	24	32
Wheat	97	94	82	96
Oats	74	73	76	95

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	2	4	27	64	3
Corn	4	12	27	46	11
Cotton	1	4	23	62	10
Hay	1	5	26	61	7
Pasture	4	13	34	45	4
Peaches	4	20	19	53	4
Peanuts	0	1	17	70	12
Sorghum	1	2	30	50	17
Soybeans	1	5	25	59	10
Sweet Potatoes	0	1	26	60	13
Tobacco: Flue-cured	1	7	21	57	14
Tobacco: Burley	1	4	26	41	28

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	9	29	58	4
Subsoil Moisture	6	25	64	5

VS= Very Short ST = Short A = Adequate SS = Surplus

Hurricane Arthur dropped 2" to 4" of much needed rain across the county last week. No significant wind damage. Some damage to tobacco occurred, which will make sucker control difficult and affect crop quality. Localized flooding in places will reduce crop yield in some soybeans and cotton. In general crops look very good. Southern corn rust has not yet been found in Pender County but it has been found in adjacent counties.

**Mark Seitz – Pender County Extension**

Some extremely dry areas of Harnett received some much needed rain this past week. Tobacco has been waiting on rain to activate fertilizer and finish filling out. Tobacco harvest has not started at this point and it is looking like it will be a late crop. Cotton, soybeans and sweet potato crops looking good at this point.

**Brian Parrish – Harnett County Extension**

Moisture variable across region, nowhere in excess. Some localities have had little rain in several weeks.

**Tim Hall – Region 4 Agronomist**

Much needed rain arrived on Thursday afternoon with cotton squaring to early bloom the rain was needed for square retention

**Cathy Herring – Johnston County Central Crops**

The Northern and Eastern parts of the county have not had meaningful rain since mid-May. Corn is drying up, soybeans have very poor stands, pastures and hay are dormant and brown. Spring hay cutting was less than average and farmers are now feeding hay and selling cattle early.

**Carl Pless – Cabarrus County Extension**

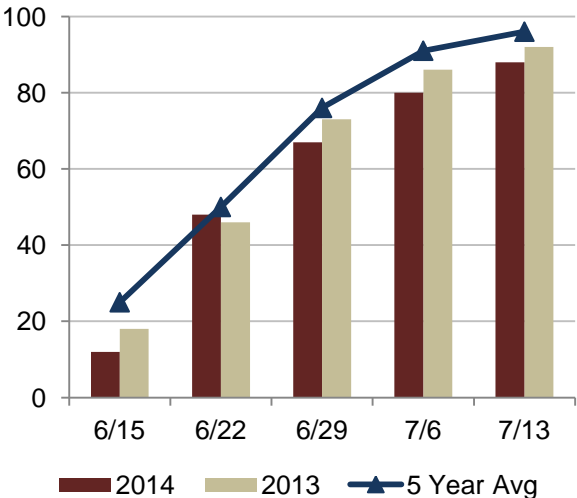
Rains that have fallen east of I-95 have crop conditions improving, while continued dry conditions, mainly west of I-95, have crop conditions deteriorating. Tobacco growers that have the capability are irrigating.

**Don Nicholson – Region 7 Agronomist**

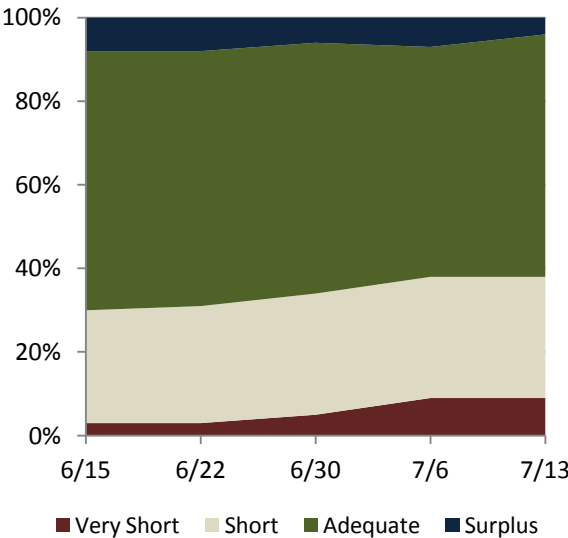
Region 9 did not receive much rain over the past week and crops continue to suffer unless irrigated. Farmers continue to irrigate tobacco and corn. Guilford, Randolph, and Moore counties are very dry and corn is very stunted in some areas. Vegetable crops are still in good shape under drip irrigation, but water sources are beginning to become limited in some areas.

**Colby Lambert – Region 9 Agronomist**

### CORN PERCENT SILKING



### TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JULY 13, 2014										
Location	Precipitation (Inches) <sup>1</sup>				Temperature (Degrees F.)					
	This Week		Year To Date		This Week					
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (Year to Date)	
Asheboro	0.63	-0.28	27.46	1.75	94	61	78	0	2029	
Asheville	1.21	0.34	23.14	-3.29	88	58	73	1	1657	
Burlington	0.08	-0.96	20.03	-4.80	96	65	80	2	2121	
Charlotte	0.15	-0.69	25.93	2.40	94	67	80	-1	2184	
Clayton	2.33	1.28	30.35	6.07	93	62	77	-3	1996	
Clinton	2.04	0.66	25.89	0.01	93	60	79	-2	2230	
Dunn	0.80	-0.48	26.04	-0.19	95	67	81	3	2278	
Elizabeth City	1.63	0.51	21.14	-4.25	92	65	78	-2	2091	
Fayetteville	1.36	0.17	22.95	-1.70	100	65	83	3	2502	
Gastonia-Gaston	0.03	-0.74	26.32	2.42	91	65	78	-2	2141	
Goldsboro	1.37	0.17	26.42	0.76	95	68	81	-1	2365	
Greensboro	0.13	-0.90	20.63	-2.62	94	68	79	3	2121	
Greenville	2.41	1.29	29.73	4.08	94	68	80	1	2271	
Hickory	0.91	-0.07	21.62	-6.16	94	63	78	1	2020	
Jefferson	1.58	0.55	22.16	-5.28	83	50	68	-3	1152	
Kinston	1.32	-0.01	26.94	0.22	93	63	79	1	2214	
Maxton	0.58	-0.67	21.98	-3.80	98	66	81	2	2337	
Mount Airy	0.46	-0.57	20.07	-6.12	93	52	74	-2	1638	
New Bern	0.91	-0.51	23.00	-5.02	95	69	82	3	2493	
North Wilkesboro	0.75	-0.23	23.62	-4.92	90	57	74	-2	1743	
Oxford	0.14	-0.86	21.61	-2.37	95	60	79	2	1949	
Raeford	0.16	-1.09	27.02	1.24	94	60	79	-2	2104	
Raleigh-Durham	0.68	-0.30	23.26	-0.05	98	66	82	4	2202	
Roanoke Rapids	0.34	-0.68	24.88	0.46	95	59	79	2	2055	
Robbinsville	0.97	-0.15	29.64	-8.79	85	55	71	-4	1576	
Roxboro	0.82	-0.30	28.47	3.70	91	55	77	1	1816	
Statesville	0.07	-0.84	19.71	-5.93	92	55	76	-2	1756	
Vale	0.44	-0.47	23.75	-2.80	92	55	76	-2	1812	
Washington	0.63	-0.53	31.30	5.44	93	66	80	3	2264	
Waynesville	0.89	0.10	24.54	-3.67	87	54	71	2	1413	
Whiteville	1.77	0.51	25.29	-1.44	95	62	80	-2	2281	
Williamston	1.46	0.30	31.76	5.90	92	64	79	1	2163	
Willimington	0.93	-0.78	26.47	-1.70	94	68	81	0	2535	
Wilson	1.41	0.22	29.64	4.90	94	69	81	3	2329	
Winston-Salem	0.06	-0.97	21.48	-1.77	93	67	79	2	2071	

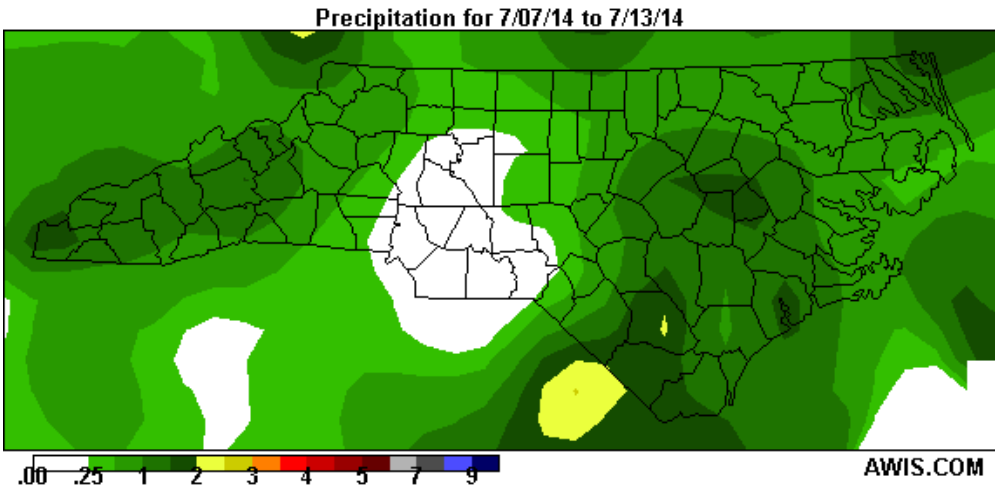
<sup>1</sup> Precipitation data considered preliminary

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.

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US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

July 8, 2014

Valid 8 a.m. EDT

